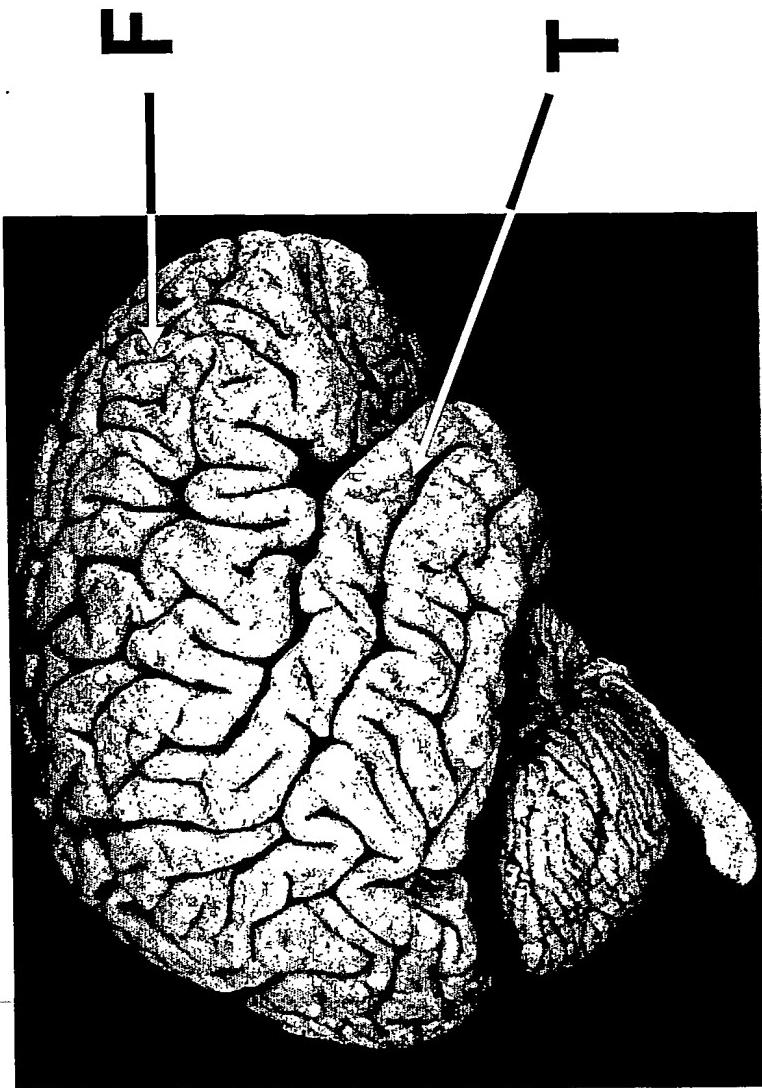


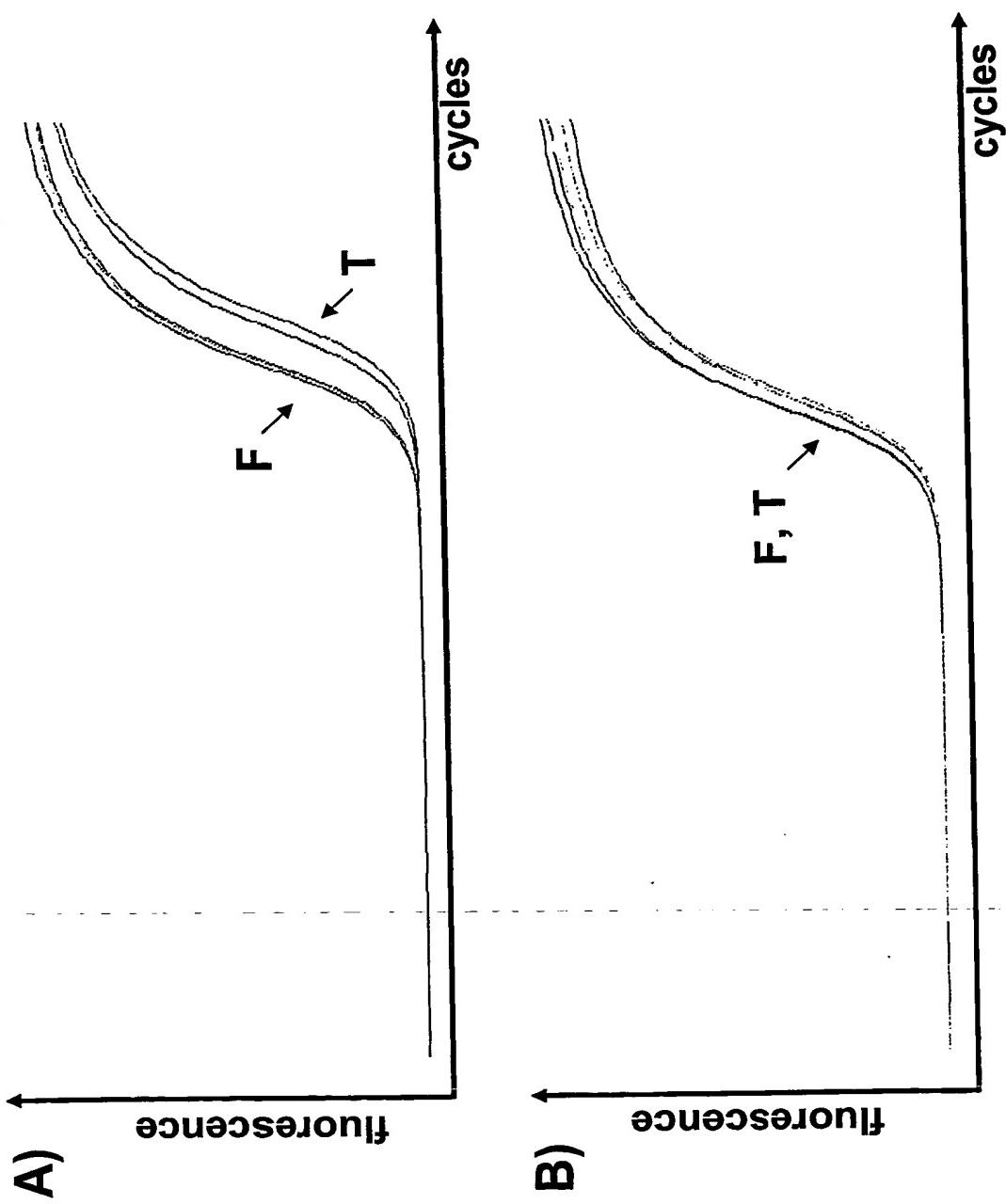
-1/9-

**Fig. 1: Identification of genes involved in Alzheimer's Disease pathology**



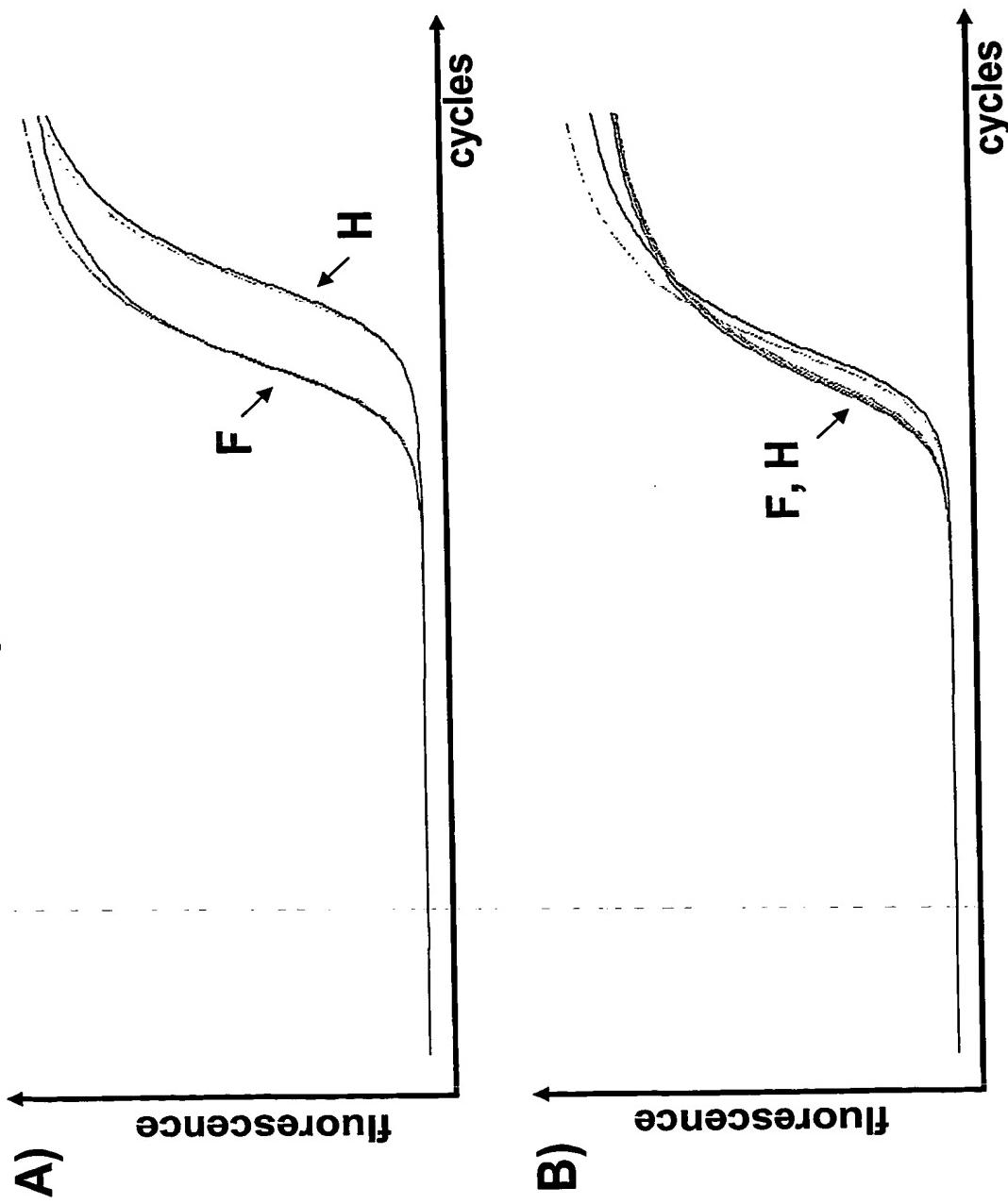
-2/9-

**Fig. 2: Differential expression of StAR as determined by RT- PCR analysis**



-3/9-

**Fig. 3:** Differential expression of StAR as determined by RT- PCR analysis



-4/9-

**Fig. 4: Schematic alignment of STAR RT-PCR primers  
with human STAR cDNA (GenBank accession number  
U17280)**



**-5/9-**

**Fig. 5: Alignment of StAR RT-PCR primers  
with StAR cDNA,  
GenBank accession number U17280**

1 CCAATGTCAAGGAGATCAAGGTC 23  
||||| ||||| ||||| ||||| |||||  
572 CCAATGTCAAGGAGATCAAGGTC 594

1 ACATTCAATTACTCACGAGCTGGC 23  
||||| ||||| ||||| ||||| |||||  
616 ACATTCAATTACTCACGAGCTGGC 638

**-6/9-**

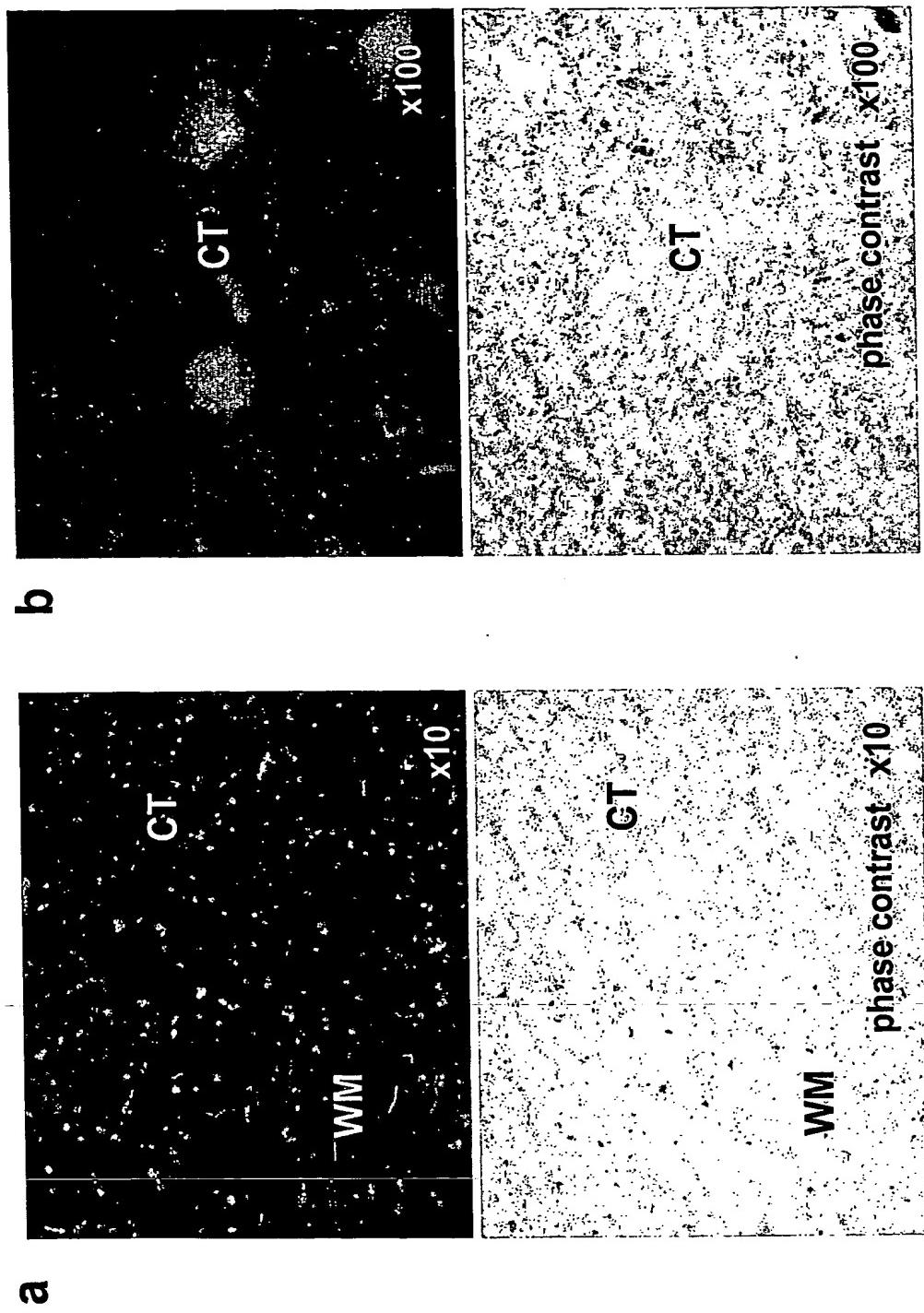
**Fig. 6: SEQ ID NO.1:  
amino acid sequence of human StAR**

**Length: 285 aa**

1 MLLATFKLCA GSSYRHMRNM KGLRQQAVMA ISQELNRRAL GGPTPSTWIN  
51 QVRRRSSLLG SRLEETLYSD QELAYLQQGE EAMQKALGIL SNQEGWKES  
101 QQDNGDKVMS KVVPDVGKVF RLEVVDQPM ERLYEELVER MEAMGEWNPN  
151 VKEIKVLQKI GKDTFITHEL AAEAAGNLVG PRDFVSVRCA KRRGSTCVLA  
201 GMDTDFGNMP EQKGVIRAEH GPTCMVLHPL AGSPSKTKLT WLLSIDLKGW  
251 LPKSIINQVI SQTQVDFANH LRKRLESHPA SEARC

-7/9-

**Fig. 7: Images of the human cerebral cortex labeled with anti-StAR antibodies and with DAPI**

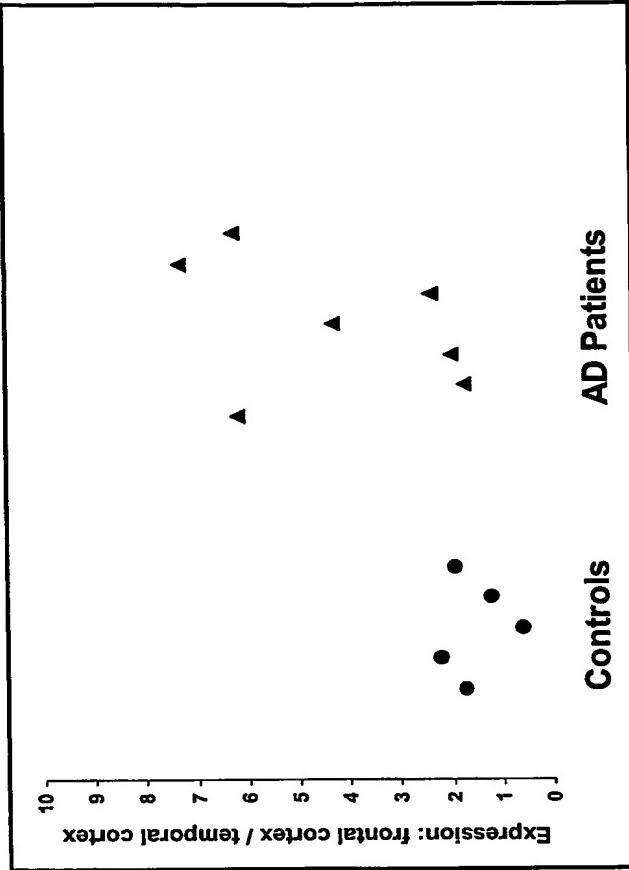


**-8/9-**

**Table 1 :**

sample	$\Delta$ (fold) (frontal / temporal cortex)
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control C011	1.74
control C012	2.25
control C014	0.59
control C005	1.22
control C008	1.96
patient P012	6.16
patient P016	1.72
patient P010	2.00
patient P011	4.28
patient P014	2.36
patient P017	7.30
patient P019	6.23



**-9/9-**

**Table 2:**

sample                   $\Delta$  (fold)  
                         (frontal cortex / hippocampus)

